



PATENT
Attorney Docket 061612-0016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **D. Parker**)
U.S. Application No. **10/577,358**) Group Art Unit: **Not Assigned**
Int'l Application Filing Date: **November 1, 2004**) Examiner: **Not Assigned**
Date of National Stage Entry: **April 28, 2006**)
For: **ASSAY**)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449 forms. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due with the filing of this paper.

Copies of the listed documents are attached. Documents A01 and B01-B03 were cited in an International Search Report which issued in a corresponding PCT application, International Application PCT/GB2004/004621, dated February 4, 2005, which is attached hereto.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute prior art. If the Examiner applies any one of the documents as prior art against any claim in the application, and Applicants determine that the cited document does not constitute prior art under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

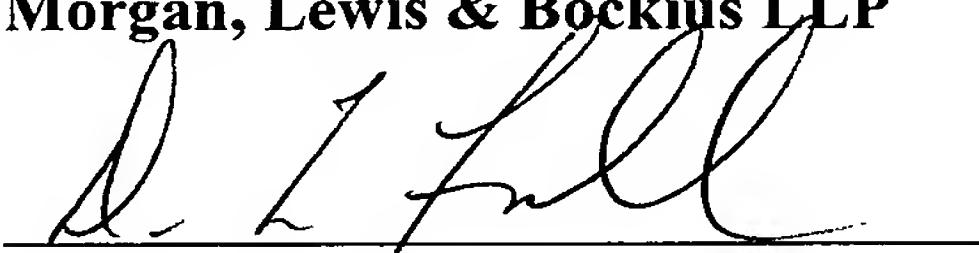
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the

documents be applied against the claims of the present application.

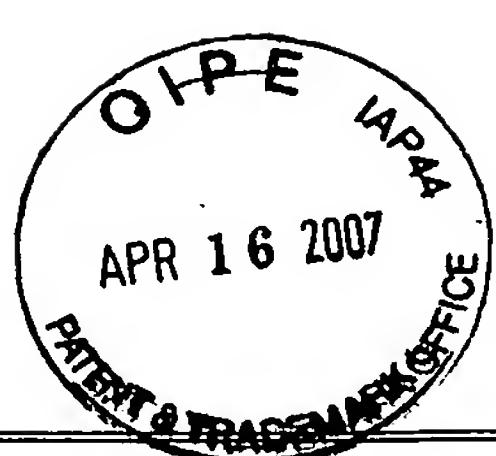
Except for issue fees payable under 37 C.F.R. 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **constructive petition for extension of time** in accordance with 37 C.F.R. 1.136(a)(3).

Dated: April 16, 2007
Morgan, Lewis & Bockius LLP
Customer No. **09629**
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202-739-3000

Respectfully submitted,
Morgan, Lewis & Bockius LLP



Dean L. Fanelli
Registration No. 48,907



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Attorney Docket No.	Serial No.
		061612-0016-US	10/577,358
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		David PARKER	Group Art
		Filing Date	Not yet assigned
		April 28, 2006	

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	1. 10/009,685	April 23, 2002	HAAHEIM, Lars Richard			
	2. 2003-153019	Aug. 14, 2003	DAS PRANAB, K., et al.			
	3. 4,661,445	April 28, 1987	SAXINGER, et al.			
	4. 5,019,497	May 28, 1991	OLSSON, Lennart			
	5. 5,188,942	Feb. 23, 1993	REDDINGTON, et al.			
	6. 5,360,719	Nov. 1, 1994	LEVINE, et al.			
	7. 5,637,453	June 10, 1997	JEHUDA-COHEN, Tamar			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	YES	NO
8.	EP 0 526 952 A2	Feb. 10, 1993	EPO					
8.	EP 0 822 412 A1	Feb. 4, 1998	EPO					
10.	WO 00/77525 A1	Dec. 21, 2000	PCT					
11.	WO 96/26443 A1	Aug. 29, 1996	PCT					
12.	WO 99/15898 A1	April 1 1999	PCT					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

13.	AMADORI, A., et al.: "Spontaneous in Vitro Production of Virus-Specific Antibody by Lymphocytes from HIV-Infected Subjects", Clinical Immunology and Immunopathology, vol. 46, pp 342-351, 1988
14.	ASKONAS, B. A.: "Immunoglobulin Formation in B Lymphoid Cells", Journal of Clinical Pathology, vol. 28, Suppl. (Ass. Clin. Path.) (6), pp 8-12, 1975
15.	ATKINSON, P., et al.: "Direct Measurement of Antibody Production in Cell Suspensions Using an Enzyme-Linked Immunosorbent Assay", Journal of Immunological Methods, vol. 76, pp 365-373, 1985
16.	BUSH, Michael P.: Chapter 2; "Blood Safety in the New Millennium", Stramer SL Ed, AAB, pp 33-54, 2001
17.	BUXBAUM, J., et al.: "Synthesis and Assembly of Immunoglobulins by Malignant Human Plasmacytes and Lymphocytes: II. Heterogeneity of Assembly in Cells Producing IGM Proteins", J. Exp. Med., vol 113, pp 1118-1130, 1971
18.	CHOI, Yong Sung: "Biosynthesis and Secretion of Immunoglobulins", pp 345-346 and pp 348-351

Examiner	Date Considered
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	19.	CORTE, E. D., et al.: "Biosynthesis of Immunoglobulin A (IgA) and Immunoglobulin M (IgM) Requirement for J Chain and A Disulphide-Exchanging Enzyme for Polymerization", Biochem. J., vol. 136, pp 597-606, 1973	
	20.	COX, R. J., et al.: "An Early Humoral Immune Response in Peripheral Blood Following Parenteral Inactivated Influenza Vaccination", Vaccine, vol. 12(11), pp 993-999, 1994	
	21.	COX, R.J., et al.: "Kinetics of the Early Immune Response Induced After Parenteral Influenza Vaccination", Options for the Control of Influenza III, Elsevier Science, pp 561-571, 1996	
	22.	CZERKINSKY, C., et al.: "The Solid Phase Enzyme-Linked ImmunoSpot Assay (ELISPOT) for Enumerating Antibody-Secreting Cells: Methodology and Applications", ELISA and Other Solid Phase Immunoassays", Chapter 10, pp 217-239, 1988	
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	31.	MELCHERS, F.: "Biosynthesis, Transport and Secretion of Immunoglobulin in Plasma Cells", Histochemical Journal, vol. 3, pp 389-397, 1971	
	32.	QUIDING, M., et al.: "Intestinal Immune Responses in Humans", Journal of Clinical Investigation, vol. 88, pp 143-148, 1991	
	33.	ROITT, et al.: "Immunology", Immunology, 4th Edition, pp 6.12 -6.14, 1996	
	34.	RUEDL, C., et al.: "A Novel and Sensitive Method for the Detection of Secreted Cell Products Using Time-Resolved Fluorescence", Journal of Immunological Methods, vol. 168, pp 61-67, 1994	
	35.	SHERR, C. J., et al.: "Synthesis and Intracellular Transport of Immunoglobulin in Secretory and Nonsecretory Cells", Ann. N.Y. Acad. Sci., vol. 190, pp 250-267, 1971	

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36.	SISON, A. V., et al.: "Laboratory Methods for Early Detection of Human Immunodeficiency Virus Type 1 in Newborns and Infants" Clinical Microbiology Reviews, pp 238-247, 1992
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38.	TARTAKOFF, A. M., et al.: "Plasma Cell Immunoglobulin Secretion", The Journal of Experimental Medicine, vol. 146, pp 1332-1345, 1977

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